120

QC6- Inspect dimensions to drawing

0.00

DA 15

120

Memo

0.00/3.1.5

Quality Control

0

											D.Co.	Date.	
NCR:	/es	/ No				WORK ORDER NON-C	ORK ORDER NON-CONFORMANCE / UPDATE					32	
											QA Closed:	Date:	701
Work Orde	er:					DISPOSITION		AGAINST DEPARTMENT/PROCESS					
=						Rework			Skid-tube	Crosstube		Water Jet	Engineering
Part I	Vo.					Scrap			Machining	Small Fab		d. Eng. Coor.	Quality
					Use-as-is		1000	noforming	Finishing	Rec/Stor	e/Packaging	Other	
NCR I	No.					Work Order Update			Large Fab	Composite		Supplier	
Root					Descri	ption of work order update	1	nitial	Acti	ion	Sign &		31
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descri	iption	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling													
Operator													
Material												EVENT SI	
Setup	Щ										3		
Other											41-5		
Process												STATE OF THE STATE	
Supplier													
Training													
Unapproved											基系		
4			(40)				AUL	T CATE	GORY				
Landi		1			_	General	_	1		1	1		7
	_	Bending			_	Bend		Grain		0.45	Ovalized	_	Pressure/Forced
		Centre No	t Concer	ntric to	O/S	BOM/Route		Hardwa			Over/Under	ALEXANDER OF THE PARTY OF THE P	Temperature/Cure
		Cracks				Broken/Damaged		4	ion Incomplete		Part Incorre	Children Line Services	Weld
e [©]		Crushed/0	Crimped			Burrs		-	ions Incomplete/L	Inclear	Part Lost/M	ssing	Wrong Stock Pulled
6 5 4		Cuffs				Contamination		Mainte			Part Moved		
9		Heat Trea	t			Countersink.		Mislabe	led		Positioned V	PANTAGO LA CANTAGO DE LA CANTA	
N.		Inspection Strip in Tube Cut Too Short					Misread			Power Loss/	Surge	Other	

Offset

Out of Calibration
Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio

Quality Control

89749

Page 2

September-04-12 1:34:20 PM *N900040100* D3119-041 Accept Item ID: Setup Start Revision ID: Stop Item Name: Cover Assembly *2* Start Qty: 2.00 Start Date: 9/04/12 Cust Item ID: *2* Required Date: 10/19/12 Req'd Qty: 2.00 Customer: Reference: Start Run Date: Tooling: Date: Approvals: Process Plan: Stop SPC (Y/N): Date: QC: Date: Accept Reject Reject Sequence ID/ Set Up/ Tool ID Tool# Plan Insp. Operation Qty Qty Work Center ID Description Run Hours Code Number Stamp Identify as per dwg & Stock Location: 130 *130* Packaging 0.00 Memo Packaging QC21- Final Inspection - Work Order Release 0.00 140 *140* 0.00 QC Memo

MCJ 13-01-00

NCR:	Yes /	No
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											DQA:	Date:	
NCR: Y	'es	/ No				WORK ORDER NON-C	NON-CONFORMANCE / UPDATE						
							_				QA Closed:	Date:	
Nork Orde	or.					DISPOSITION				AGAINST DE	PARTMENT	PROCESS	1
Part No. NCR No.				Rework Scrap Use-as-is Work Ørder Update	Machining Small F Thermoforming Finishi		Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier		Engineering Quality Other			
Root					Descri	ption of work order update	I	nitial	A	ction	Sign &		7
Cause		Date	Step	Qty	1	or Non-conformance	Ch	ief Eng	Des	cription	Date	Verification	QC Inspector
oc/Data quip/Tooling perator faterial										2536 () 161 K 1821 27 July			
etup ther									- fa				
rocess												70.00 XIII	
upplier raining	_												
napproved											4.0	K Haya	
						FA	AUL	T CATE	GORY		# SALL CO	KANSA Maraka	
Landi	ng G	iear				General							
		Bending				Bend		Grain			Ovalized	351	Pressure/Forced
		Centre No	t Concer	ntric to	O/S	BOM/Route		Hardwa			Over/Under		Temperature/Cure
		Cracks				Broken/Damaged			on Incomplete	12	Part Incorre	21.00	Weld
		Crushed/C	Crimped			Burrs		Instruct	ions Incomplete	/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	enance		Part Moved		
		Heat Trea	t			Countersink		Mislabe	eled		Positioned V	CHILDREN	
ial l		Inspection	Strip in	Tube	4	Cut Too Short		Misread	i		Power Loss/	Surge	Other
		Ripples in	Bend			Drill Holes		Offset				Eye sure	4
al		Torque W	aves in E	xtrusio	n	Drawing		Out of (Calibration		I THE REAL		
		Turning Se	equence			Finish		Out of	Sequence			S. Taha	3

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Folio

Page 1

Work Order ID:

89749

Parent Item:

D3119-041

Parent Item Name:

Cover Assembly

Comments:

IPP: A03.02.24New IssueKJ/RF

Component Item ID/ Replacement Mfg/ Item ID

Purch

Purchased

Primary Bin Location Item No

Last Location Route Seq ID 110

Unit of Measure

Each

Qty on Hand 0.0000

Qty per Kit Total 1

Start Date: 9/04/12

Start Qty: 2.00

Qty Qty Issued

2

Date Issued

Status

Required Date: 10/19/12

Required Qty: 2.00

D3119-041P Cover Assembly

Item Name

m KyD1005. 060-P1-62015

义第5F M123371

											DQA:	Date	
NCR:	Yes	/ No				WORK ORDER NON-	CON	VFORM	AANCE / UPD	ATE			
						y					QA Closed:	Date	
Work Ord	er:					DISPOSITION	DISPOSITION			AGAINST DEPARTMENT/PROCESS			
Part I						Rework Scrap	1		Skid-tube Machining	Crosstube Small Fab	Water Jet Engineering Prod. Eng. Coor. Quality		
Faiti	VO.					Use-as-is	1		noforming	Finishing	1 1000	e/Packaging	Other
NCR	No.					Work Order Update	1	F2-00390012-01	Large Fab	Composite	Nec/Stor	Supplier	Other
, item						Work order opdate	_		Luige rub	composite		Supplie _	
Root					Descr	ption of work order update	1	nitial	Actio	on	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descrip	ption	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling									_				
Operator											100		
Material											- 44		
Setup											100	1 to 1	
Other											4 4		1
Process											1 2	THE WAR	d and
Supplier											- 19		
Training											-91		
Unapproved												765	
P							AUL	T CATE	GORY		5,19	A SWEWN	
Landi		i i				General		1			1 77		7
	-	Bending			_	Bend		Grain			Ovalized		Pressure/Forced
	-	Centre No	t Concer	ntric to	0/5	BOM/Route		Hardwa	re		Over/Under	and of the same of	Temperature/Cure
ia .	-	Cracks				Broken/Damaged			on Incomplete		Part Incorrec	Carlo California	Weld
E.	-	Crushed/0	Crimped			Burrs		1	ions Incomplete/Ur	nclear	Part Lost/Mi	ssing	Wrong Stock Pulled
J.		Cuffs				Contamination		Mainte			Part Moved		
		Heat Trea	t			Countersink		Mislabe	led		Positioned V	/rong	
	-	Inspection	and Man	Tube		Cut Too Short		Misread	ł)		Power Loss/S	Surge	Other
1 2 2		Ripples in	Bend			Drill Holes		Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

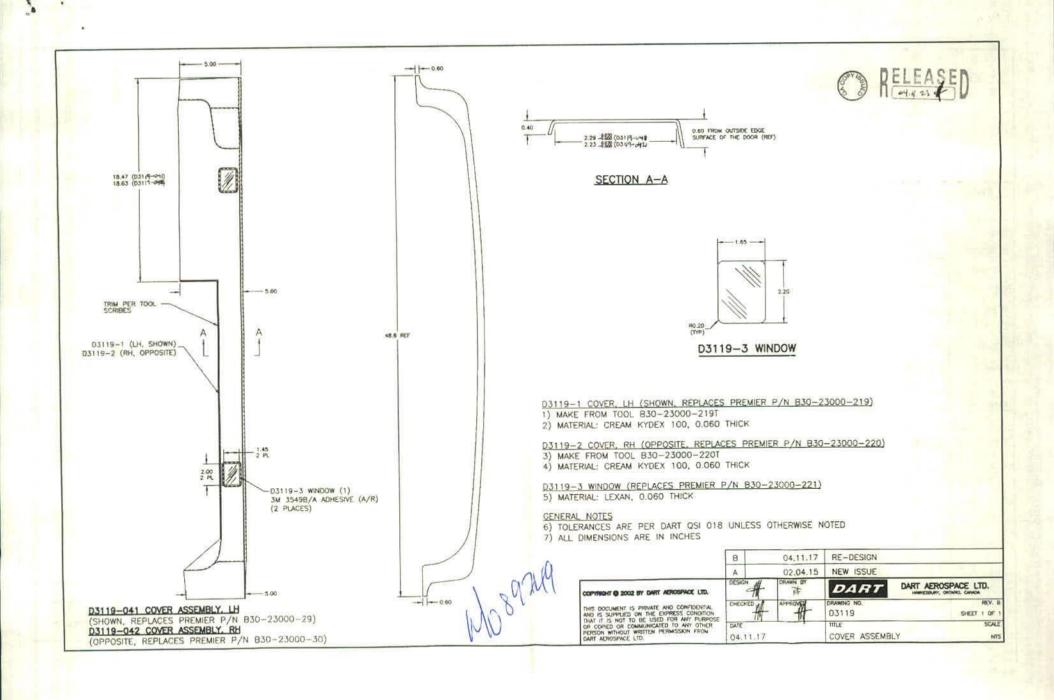
Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



/ No				WORK ORDER NON-C	ON	IFORN	1ANCE / UPD	DATE	QA Closed:	Date:	
Work Order: Part No. NCR No.			DISPOSITION Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing		Crosstube	Water Jet Prod. Eng. Coor.		Engineering Quality Other		
Date	Sten	Otv		N 9					Sign & Date	Verification	QC Inspector
					AUL	T CATE	SORY		1.244	1052	
Cracks Crushed/C Cuffs Heat Trea Inspection Ripples in Torque W	t t Strip in Bend aves in E	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Hardwa Inspecti Instruct Mainte Mislabe Misread Offset Out of O	on Incomplete ions Incomplete/U nance led f	Inclear	Part Incorrect Part Lost/Mi Part Moved Positioned W	ct ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
	Date Bending Centre No Cracks Crushed/C Cuffs Heat Trea Inspection Ripples in Torque W	Date Step Bending Centre Not Concent Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Ripples in Bend	Date Step Oty Gear Bending Centre Not Concentric to C Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion	Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion	DISPOSITION Rework Scrap Use-as-is Work Order Update Date Step Qty Description of work order update or Non-conformance Gear General Bending Bend BOM/Route Broken/Damaged Burrs Contamination Curshed/Crimped Burrs Contamination Countersink Inspection Strip in Tube Ripples in Bend Drawing Torque Waves in Extrusion Drawing	DISPOSITION Rework Scrap Use-as-is Work Order Update In the second of the s	DISPOSITION Rework Scrap Use-as-is Work Order Update Date Step Qty Description of work order update or Non-conformance Step Qty Or Non-conformance FAULT CATE Gear General Bending Bend Grain Hardwal Carcks Broken/Damaged Inspection Cracks Crushed/Crimped Burrs Instruction Cuffs Contamination Mainte Cuffs Contamination Mainte Heat Treat Countersink Mislabe Inspection Strip in Tube Cut Too Short Misread Torque Waves in Extrusion Drawing Out of Co	DISPOSITION Rework Scrap Use-as-is Work Order Update Initial Chief Eng Description of work order update Chief Eng Description Order Non-conformance Chief Eng Description Description Order Eng Description Order Eng Description Order Eng Description Order Eng Description Order England Instructions Incomplete Inspection Incomplete Instructions Incomplete Counter England Inspection Strip in Tube Countersink Mislabeled Misread Offset Drawing Order Order England Order Order England Order	DISPOSITION Rework Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite	DISPOSITION Rework Scrap Use-as-is Work Order Update Use-as-is Work Order Update Or Non-conformance Or Non-conformance Order Update Or Non-conformance Order Update Order Ord	DISPOSITION Rework Skid-tube Crosstube Water Jet Machining Small Fab Prod. Eng. Coor.

Outside Dimensions

DQA:

Date:

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Wave/Twist in Tube

Folio



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17835

Purchase Order Date 9/06/12 PO Print Date 9/C 22

Page Number 1 of 1

Order From:

VU-DEL003

DELASTEK INC

2699 5E AVENUE, LOCAL C.P 10100

GRAND-MERE, QC G9T 5K7 CA

Contact Name

Vendor Phone

819 533 5788

Vendor Fax

819 533 3494

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA

Line Nbr Reference

Revision ID

Description/ Mfg ID

Req Date/

Req Qty/ Taxable Unit of Measure

Ship Method

Unit Price

Extended Price

Vendor Part Number

9/17/12

3.00

FedEx PI collect

\$110.2000

\$330.60

D3119-041P

Cover Assembly

Yes

Each

exel (usp/se

* Rush

Special Inst:

AS PER DWG D3119 REV. B

B89749

MATERIAL: CREAM KYDEX 100, 060"

THICK MATERIAL

PO Total:

\$330.60

CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY

No substitution or deviation without

Certificate of Conformity of Material Certification required YES NO

Change Nbr:

Change Date: 9/06/12





DELASTEK Inc. 2699 5e Avenue Local 14, C.P. 10100 Grand-Mère, Québec G9T 5K7 Canada

Tel.: (819) 533-5788 Fax: (819) 533-3494

PACKING SLIP

CERTIFICATE OF COMPLIANCE

Invoice No.	46225
Customer No.	DART US

Bill To

DART AEROSPACE LTD 1270, Aberdeen Street Hawksbury, Ontario K6A 1K7 Canada

Telephone: 613-632-5200 Contact: Linda Lacelle Ship To

DART AEROSPACE LTD 1270, Aberdeen Street Hawksbury, Ontario K6A 1K7 Canada

Telephone: 613-632-5200 Contact: Linda Lacelle

Ship Date	Order Date	Our SO	# Ordered by	122 1	Your PO#	Te	rms	
20-12-2012	06-09-2012	21646	Chantal Lavo	e (PO17835)		Net 30 days USA		
Ship	o Via		F.O.B.	70,70	T/PST			
Day & Ro	ss Collect	I	Point de départ	Mathieu Veilleux, ext. 235				
Order Qty	B.O. Qty	Current Ship.	Item number		Descript	ion		
3.	0		CC135-0001	Dwg Rév.: B	3119-041 Cover Assy B8 CREAM KYDEX 100.060" THI		U of M: Chaque	
6								

It is hereby certified that all materials, process and finished items were controlled and tested in accordance with the requirements of the purchase order and applicable specifications. All such records are on file at our plant and available for review upon request

Cust.

Adm.

Quality

Ship.

Accepted by:

Quality department

AQ-357

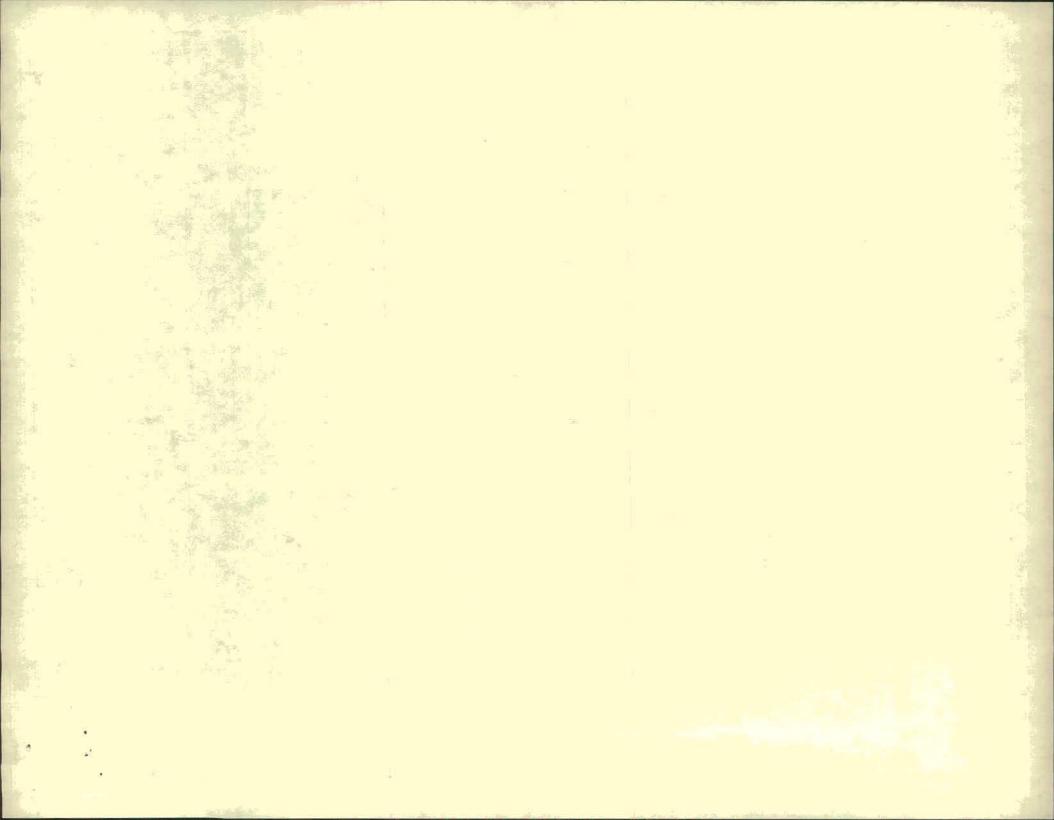
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DELASTEK AERONAUTIQUE

Vendredi, 2012-10-26 07:19:42 Date: Utilisateur dubê Feuille de Procédé : DART US DART AEROSPACE Client Nom Dessin : COVER ASSY Numéro Job Numéro Article : 46049 : DKC135-0001 Numéro : 4138 Numéro Dessin : D3119 Numéro B.A. : DKC135 Projet Numéro Cette fois : 2012-10-26 No. Révision dessin : B Prsht Rev. : NC Matériel : Kydex 100 beige .060° Thk Prem. fois : 2012-10-22 Type Date Dûe UNITE Job précédente : 27122 Écrit par Vérifié & Approuvé par Commentaires : N° de pièce Dart Aerospace: D3119-041 N° de pièce Delastek Aeronautique: DKA359-0005 N° de pièce Delastek Composites: DKC135-0001 Process Sheet Rév.: 00 Création du premier dans DKA à partir de la Rév.: 03 de DKC Produit additionnel Numéro Job: # Séq.: Machine ou Description: 1.0 AMB0208 Kydex 100 cream 0.060"thick # 72005 Comment Qty .: 0.36 FEUILLE(s)/Unit Total: 0.72 FEUILLE(s) N° de Lot: 1-38595-/ Kydex 100 cream 0.060"thick 2.0 SORTIE MATÉRIEL Sortir le matériel Comment Setup: 0.00Hrs/ Run: 0.0000Min Total Run: 0.0000Hrs Sortir le matériel du magasin 3.0 Thermoformage / Découpe primaire Comment Setup: 0.00Hrs/ Run: 0.0000Min Total Run: 0.0000Hrs Thermoformage des pièces. Monter le set-up du moule de thermoformage N° DKG 359-504 sur le thermoformeur 4' x 8'. Tailler le matériel selon les dimensions requises : 16" x 62" x .060" Thk. 23" X 68" Y , 060 74K Thermoformer la pièce B30-23000-219.

Page 1

Autocontrôle de fabrication. (Visuel et épaisseur)



	ndredi, 2012-10-26 07:19:42 rc dubé Feui	lle de Procédé	
Client:	DART US DART AEROSPACE	Nom Dessin:	COVER ASSY
Numéro Job: Numéro Job:	46049	Numéro	DKC135-0001
Numero Job.			
# Séq.:	Machine ou Opération:	Desc	cription:
	Quantité : $\frac{1}{2}$ Date : $\frac{27/4}{12/2}$	/2Sceau :	
4.0		Trimage	
Commer	t Setup: 0.00Hrs/ Run: 0.0000Min Total Run:	0.0000Hrs	110011011011011111111111111111111111111
	Trimage de finition Faire le découpage primaire sur la scie à ruba		
	Faire le trimmage de la pièce selon la ligne tra pièce) et selon le dessin page 21 (Pour les tro		it apparaître sur la
	Autocontrôle de fabrication. (Visuel et selon le	e moule)	
	Déburrer. Quantité : 17-12-1	Sceau:	
	Quantité : Date :	Sceau :	6
5.0		exan 9034 0.060" thickness	1 - 2
Commen	Qty.: 0.000 FEUILLE(s)/Unit Total: 0	.000 FEUILLE(s)	
		N° de Lot : 475 - 11	<u> </u>
6.0	TRIMAGE	rimage	
Commen	Setup: 0.00Hrs/ Run: 0.0000Min Total Run :	0.0000Hrs	
	Taillage du matériel.		
	Sur la banc scie, tailler les B30-2300-221 selo et faire des rayons de .20" au quatre coins.	n les dimensions du dessi	ins (1.65" x 2.20")
	Ébavurer.		
	Autocontrôle de fabrication. (Visuel et selon le	dessin)	
	Autocontrôle de fabrication. (Visuel et selon le Quantité :	DELASTRA	



	dredi, 2012-10-26 07:19:42 dubé	Feuille de Procédé		
71				
Client: Numéro Job:	DART US DART AEROSPACE 46049	Nom Dessi Num	- Commission and a service of	
Numéro Job:				
# Séq.:	Machine ou Opération:		escription :	
7.0	AAC0562	3549 B/A adhesive kit 2oz		
Commen	t Qty.: 0.00 UNITE(s)/Unit	Total: 0.00 UNITE(s)		
	3549 B/A adhesive kit 2oz.	N° de Lot : 1-375	24-1	
8.0	PRÉPARATION.	Préparation du matériel		
Commen	t Setup: 0.00Hrs/ Run: 0.0000	Hrs Total Run: 0.0000Hrs		
			3	
	Préparation du matériel.			
	Faire le mélange de l'adhésit	3549 B/A selon les instructions inscri	es sur le contenar	nt.
		OGUANTIES .		
	Date : 18-12-17 Sceau	COLPUSED TO		
9.0	ASSEMBLAGE	Assemblage mécanique		S C S A CONTROL OF CON
Commen	t Setup: 0.00Hrs/ Run: 0.0000	Min Total Run: 0.0000Hrs		
	Assemblage général des piè	ces		
	Assembler les deux B30-230	00-221 Window sur le B30-23000-219	à l'aide de l'adhés	sif
	3549 B/A et laisser sécher po			
	Autocontrôle de fabrication.	(Assemblage)		
	2 0	ate: 18-12 - 12 Sceau:	S	
	Quantité : Da	ale. 10 12 Sceau.		
	Quantité : Da	ate : Sceau :		
10.0	INSPECTION	Inspection générale		
Commen	setup: 0.00Hrs/ Run: 0.0000	Min Total Run : 0.0000Hrs		
	Inspection générale			
	Faire l'inspection de la pièce	selon le dessin.	*	
		ate: 19-12 Sceau:	19	
	W	ANIX IT		
	Quantité : Da	ate X D 1 (a. 1) Sceau:		
	W	14.4		
		OFFICE CONTRACTOR		



	endredi, 2012-10-26 07:19:42 larc dubé	Feuille de Procédé	
Client: Numéro Job:	DART US DART AEROSPACE	Nom Dessin:	COVER ASSY
Numéro Job:	40043	Numéro	DKC135-0001
# Séq.:	Machine ou Opération:	Desc	cription :
11.0	IDENTIFICATION	Identification des pièces	
Comme	ent Setup: 0.00Hrs/ Run: 0.0000Min	Total Run : 0.0000Hrs	1,0010 1001 1010 1011 1011
E)	Identification des pièces.		
a	Faire l'identification : N° de pièce Date de fabr N° de Work Sceau d'insp	rication : 19//2//2 Order:	
	Autocontrôle de fabrication. (Visu	(EL AS)	
	Quantité : 2 Date : _	19/12/12 Sceau: 73	*
12.0	EMBAL/ENTREPO	Emballage & Entreposage	
Commen	setup: 0.00Hrs/ Run: 0.0000Min	Total Run: 0.0000Hrs	1788111 10011 10011 10011
	Emballage & Entreposage		
	Emballer les pièces individuelleme	ent dans un sac en polythène et entrep	ocor au boogin
	en attendant la livraison vers le cli	ent.	osei au desolii
	Quantité : 2 Date : 9	20/19/12 Sceau: 539	
	Quantité : Date : _	Sceau :	
	P III		

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